

ABSTRACT OF DISCLOSURE

The system is an integrated and self contained electric thruster system integral with a dynamic positioning control system for dynamic positioning of any waterborne vessel having a hull with at least two sides and a deck connecting the sides, at least two azimuthing thrusters, each removably
5 mounted to the vessel, at least two self-contained electric power units removably secured to the deck, one for each thruster, at least one dynamic positioning computer connected to each of the self contained electric power units, at least one motion reference sensor connected to the dynamic positioning computer to correct reference position signals for motion of the vessel, at least one heading sensor, and at least one sensor that is either a position reference sensor connected to the
10 dynamic positioning computer, environmental sensors connected to the dynamic positioning computer, or a combination thereof.